

Number of Mines by Detailed Commodity and Type of Operation, 2004

(Data source: MSHA)

Commodity		Underground		Surface					Total
		Underground*	Underground w/PP or Mill	Surface**	Surface w/PP or Mill	PP/Mill	S&G Dredge	Independent Shop	
Coal operator	Anthracite	22		83	2	41			148
	Bituminous	582	42	773	95	325		46	1,863
	Subtotal	604	42	856	97	366	0	46	2,011
Metal operator	Iron ore			14	6	8		1	29
	Copper	4	1	5	12	5			27
	Gold	38	4	35	23	18			118
	Lead/zinc ores	10	5		1	1		1	18
	Silver ores	1	3		3				7
	Platinum group		2						2
	Alumina mill					6			6
	Other metals	4	2	7	11	20			44
	Subtotal	57	17	61	56	58	0	2	251
Nonmetal operator	Clay, common	2		114	43	44			203
	Phosphate rock			9	12	2			23
	Trona, potash, borate minerals	2	7	1	2	6			18
	Other Nonmetals	16	19	273	73	116			497
	Subtotal	20	26	397	130	168	0	0	741
Stone operator	Dimension stone	4	1	675	99	11		1	791
	Crushed stone	48	65	1,903	1,273	128		15	3,432
	Cement			1	74	38			113
	Lime	2	5	16	13	29			65
	Subtotal	54	71	2,595	1,459	206	0	16	4,401
Sand & gravel operator	Sand, gravel			6,268			806		7,074
	Subtotal	0	0	6,268	0	0	806	0	7,074

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Total	Anthracite	22	0	83	2	41	0	0	148
	Bituminous	582	42	773	95	325	0	46	1,863
	Iron ore	0	0	14	6	8	0	1	29
	Copper	4	1	5	12	5	0	0	27
	Gold	38	4	35	23	18	0	0	118
	Lead/zinc ores	10	5	0	1	1	0	1	18
	Silver ores	1	3	0	3	0	0	0	7
	Platinum group	0	2	0	0	0	0	0	2
	Alumina mill	0	0	0	0	6	0	0	6
	Other metals	4	2	7	11	20	0	0	44
	Clay, common	2	0	114	43	44	0	0	203
	Phosphate rock	0	0	9	12	2	0	0	23
	Trona, potash, borate minerals	2	7	1	2	6	0	0	18
	Other Nonmetals	16	19	273	73	116	0	0	497
	Dimension stone	4	1	675	99	11	0	1	791
	Crushed stone	48	65	1,903	1,273	128	0	15	3,432
	Cement	0	0	1	74	38	0	0	113
	Lime	2	5	16	13	29	0	0	65
	Sand, gravel	0	0	6,268	0	0	806	0	7,074
Total		735	156	10,177	1,742	798	806	64	14,478

* Includes operations reporting employment underground and/or surface at underground.

** Includes operations reporting employment at strip mines, quarries, culm banks augering, and dredge (except for S&G).

Commodity	Underground	Surface	Total
Coal	646	1,365	2,011
Non-coal	245	12,222	12,467
Total	891	13,587	14,478

NOTE: These tables contain counts of the number of mines for various commodities and for different types of operations (underground vs surface vs mill, etc.) reporting any employment in 2004. Some may not be producing and reporting only 1 or 2 employees. Also, some of these operations may have closed down by the end of the year. Finally, some of the underground operations only reported employment at the surface area of the underground mine (i.e., no underground employment reported). Mines at which only independent contractors are working would show no employment and would not be counted.